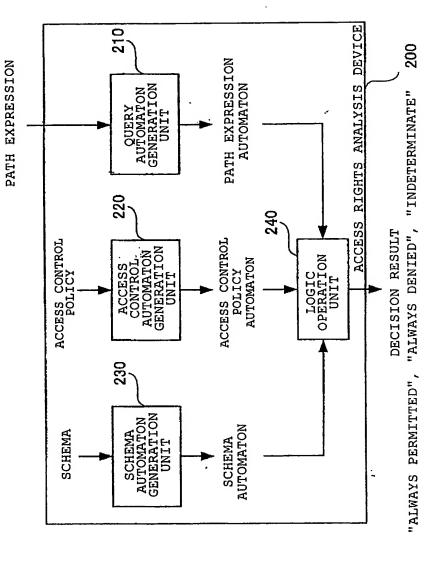


FIG 1



**FIG 2** 

FIG 3

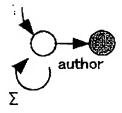


FIG 4

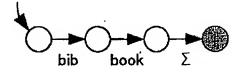


FIG 5

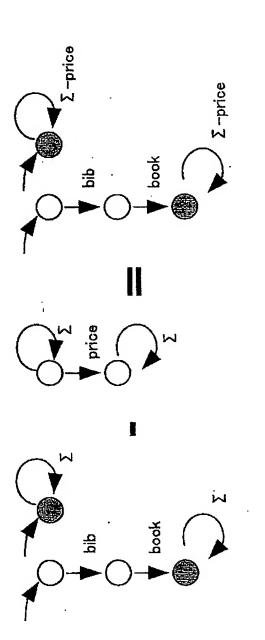


FIG 6

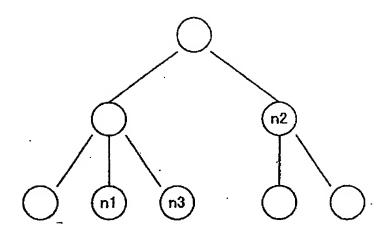


FIG 7

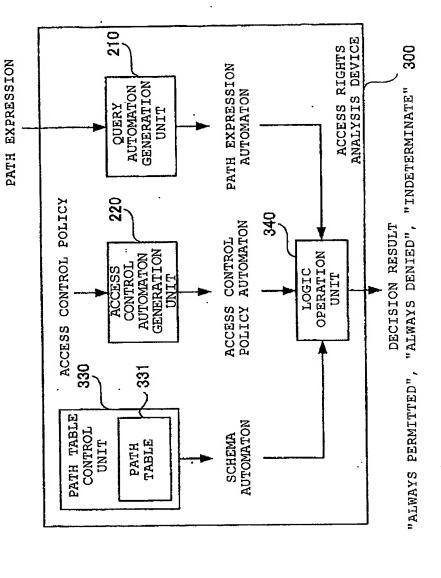


FIG8

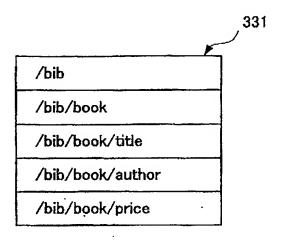
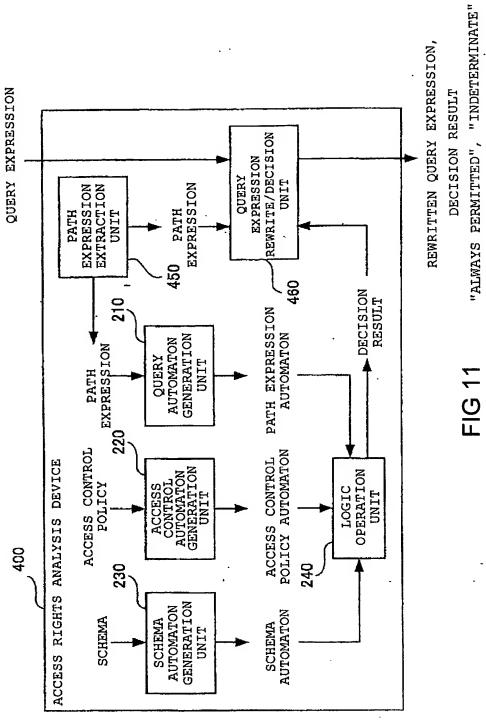


FIG 9

	331
/bib/book	+r
/bib/book/title	+r
/bib/book/author	tr
/bib/book/price	-r

FIG 10



**FIG 12** 

EXPRESSION ON	RETRIEVED PATH EXPRESSION (XPath)	GROUP
and time document /book	own time document . /book document ("http://www.bn.com") /bib/book	.∢
and time \$h/nublisher	document ("http://www.bn.com") /bib/book/publisher	Ф
Son Time \$h/@vear	document ("http://www.bn.com")/bib/book/@year	Δ.
STR LINE. \$D/@vear	document ("http://www.bn.com")/bib/book/@year	m
6TH LINE, \$b/title	document ("http://www.bn.com")/bib/book/title	В

FIG 13

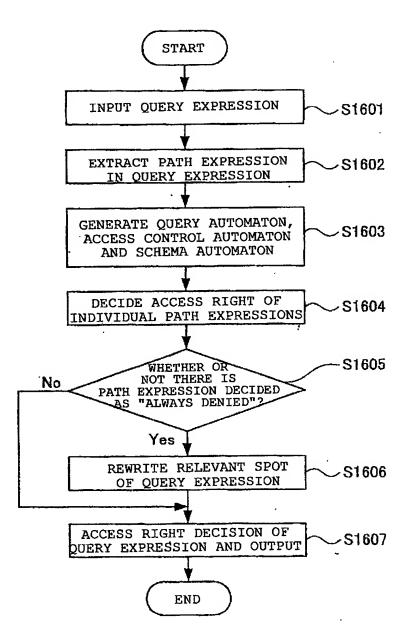
EXPRESSION ON	RETRIEVED PATH EXPRESSION (XPath)	ANALYSIS
ZND LINE, document . /book	/book document ("http://www.bn.com") /bib/book	ALWAYS PERMITTED
3RD LINE, \$b/publisher	document ("http://www.bn.com") /bib/book/publisher	ALWAYS PERMITTED
3RD LINE, \$b/@year	document ("http://www.bn.com")/bib/book/@year	ALWAYS
STH LINE, \$b/@year	document ("http://www.bn.com")/bib/book/@year	ALWAYS DENIED
6TH LINE, \$b/title	document ("http://www.bn.com")/bib/book/title	ALWAYS PERMITTED

:

FIG 14

```
1. \langle bib \{
2. for \$b in document("http://www.bn.com")/bib/book
3. where \$b/publisher = "Addison-Wesley" and \$empty \> 1991
4. return
5. \langle book \year=\{\$empty\}\>
6. \{\$b/title\}
7. \langle book\\
8. \}
9. \langle bib\\
```

FIG 15



**FIG 16** 

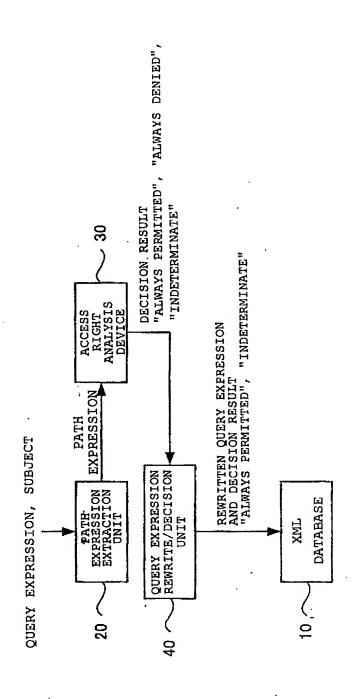
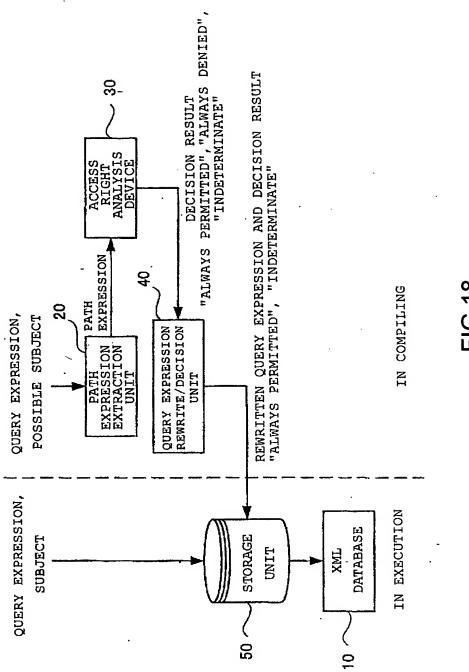


FIG 1.



**FIG 18**